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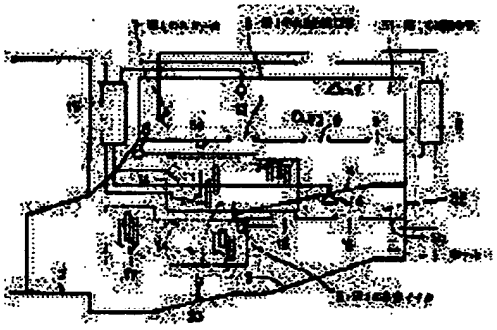
(54) REVERBERATION VARIABLE SYSTEM

(57)Abstract:
PROBLEM TO BE SOLVED: To constitute a system capable of adjusting reverberation time in a wide range without generating sound quality problem by emitting sound adjusted in its sound pr ssure not directly into a space in a hall but into an auxiliary space.
SOLUTION: Sound waves propagated in a hall are recorded by a first recording microphone 6, and they are summed and inputted to a first frequenoy adjustment means and inputted to a first sound pr ssure adjustment means after adjusted suitable for an entertainment, and amplified to an extent of a set sound pressure b fore being emitted into a first auxiliary space S1 through a first loudspeaker 7. The emitted sound are diffused in the first auxiliary space S1 and re-emitted into the hall 1 through a first re-emitting op ning part 9, wherein a sound quality and reverberation time can be adjusted. The sound are re-emitted from the first loudspeaker 7 and a plurality of re-emitting openings 9 located at different distances in non-correlative and incoherent sound to each other, and thus, non-artificial processed sound but natural sound are re-mitted into the hall 1.



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